



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3281-4L02
Job Sheet 204257



Part No: D3281-4L02

Job Qty: 2 pcs

Part Name: Floor Protector, Aft RH (Black)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/5/19

Job Tracking No:

Due Date: 2/11/20

Created By: Marie Lajeunesse

Type: Stock

Description: SIOP

Note: DWG DSI 9504 REV A, D3281 REV F IPP Rev:A 04.07.01 New issue KJ/JLM IPP Rev B 07.08.07
Thermoform in house DL IPP Rev. C Add Step 105 Dry Material 10/04/21 DL

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	2 pcs	2/11/20	2/11/20	0.00	0.00	Purchasing - 1		
							Purchasing - 2		
							Purchasing - 3		
140	Packaging 2-1 - Receive - B4B	2 pcs	2/11/20	2/11/20	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S251233



Part: D3281 - 4L02

Job No: 204257

Serial No/Batch: S251233

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 01/28/20

				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
150 QC 6	2 pcs	2/11/20	0.00 0.00	QC 6 - 9	DAS 68 JAN 31 2020 9-89
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
170 Packaging 3-1 - Stock - B4B	2 pcs	2/11/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	DAS 80 ST426 9-89
				Packaging 3 - 3 - B4B ✓	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	JAN 31 2020
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
180 QC 21 - SA	2 pcs	2/11/20	0.00 0.00	QC 21 - SA - 21 ✓	DAS ST426 21
				QC 21 - SA - 70	
				QC 21 - SA - 53	FEB 03 2020
Part Op 110 - (Purchasing) ISSUE P/O: HB045328 Descriptions: PER DWG C OF C IS REQUIRED 140 - (Receive & Inspect for Damage & Mat'l Certs) 150 - (QC6- All purchased or subcontracted products) 170 - (Identify as per dwg & Stock Location: _____) 180 - (QC21- Final Inspection - Work Order Release)					
SUPPLIER: PLASTECB MANUFACTURE D3281-4L02 AS x2 Plus					

PO Details

Canus Plastics Inc (ptf001-vc)



PO No: POHB045328

Line No: 3

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3281-4L02P	Floor Protector, Aft RH (Black)	2 pcs (1 ea)	110-Purchasing	5251218
MLEXS.093-F6006-02	GE Plastics Lexan Sheet (Black)	22 sf (11 ea)	110-Purchasing	5152044

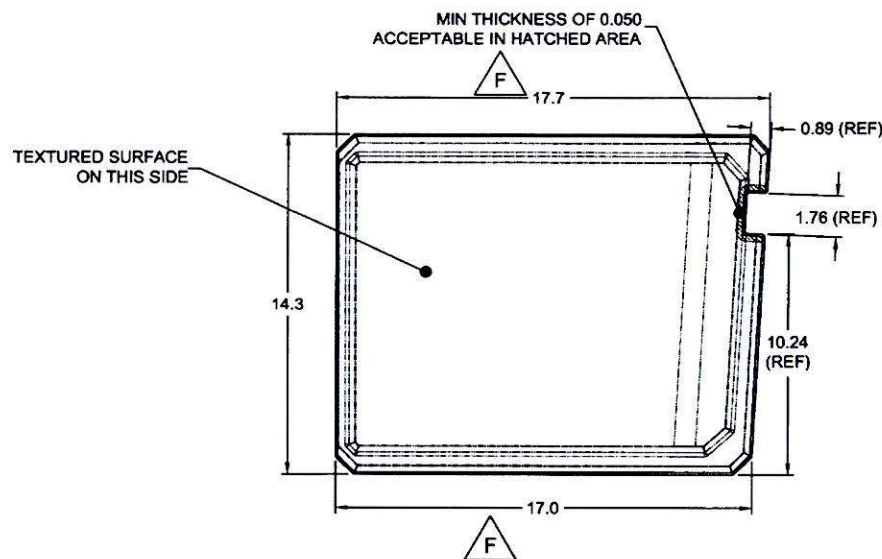
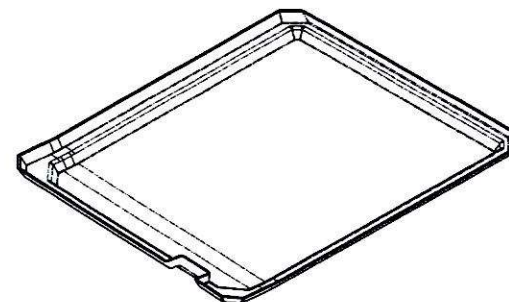
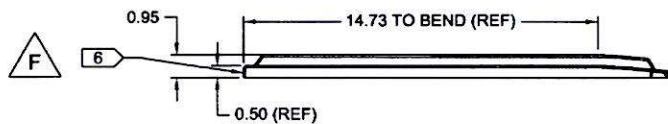
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Purchasing	D3281-4L02P	2	0	0
	MLEXS.093-F6006-02	22	416	0

Part Specifications

Specifications could not be found.

Plex 1/24/20 11:08 AM dart.lussier.patrick



D3281-4 FLOOR PROTECTOR

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 204257 MJS
19-12-05

RELEASE
2010-11-25

D3281-4 NOTES:

- 1) MATERIAL: -4L02 = LEXAN F6006, BLACK No. 701, 0.093" THICK (MLEXS.093-F6006-02)
-4L08 = LEXAN 90318 (PROTECT-A-GLAZE), 0.118 THICK, 112-CLEAR (MLEXS.118-90318-08)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.010 MAX
- 6) IDENTIFICATION: IDENTIFICATION: IDENT WITH DART P/N "D3281-4Lx" AND B/N PER QSI 044 6.4 ALONG PERIMETER OF PART AS SHOWN.
- 7) WEIGHT: D3281-4L02 = 0.87 lb D3281-4L08 = 1.05 lb
- 8) THERMOFORM WITH MOLD D3281-4T1 PER DART QSI 022; TRIM AS SHOWN
MINIMUM THICKNESS AFTER FORMING: 0.070" EXCEPT WHERE INDICATED

DESIGN	<i>g</i>	DART AEROSPACE LTD	
DRAWN	<i>g</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>g</i>	DRAWING NO.	REV. F
MFG. APPR.	<i>g</i>	D3281	SHEET 4 OF 4
APPROVED	<i>g</i>	TITLE	SCALE
DE APPR.	<i>g</i>	FLOOR PROTECTOR	NTS
DATE	10.09.27	COPYRIGHT © 2004 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045328



Supplier: PTF001-VC
Canus Plastics Inc
128 Walgreen Road
Ottawa
ON
K0A 1L0 Canada
Phone: 613-831-4640
Fax: 613-831-4624

PO No: POHB045328
PO Date: 12/5/19
Due Date: 1/27/20
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	204253	D3281-1L02P	D3281 Rev.F			Floor Protector, Fwd LH Black : Various STC's	Firmed -		1/27/20	4 Ea	0 Ea	4 Ea	\$127.50/Ea	\$510.00
							X4			JAN 28 2020				DP
2	204255	D3281-3L02P	D3281 Rev.F			Floor Protector, Aft LH (Black) : Various STC's receive pcs	Firmed -		1/27/20	2 pcs	0 pcs	2 pcs	\$107.50/pcs	\$215.00
							X2			JAN 28 2020				DP
3	204257	D3281-4L02P	D3281 Rev.F			Floor Protector, Aft RH (Black) : Various STC's receive pcs	Firmed -		1/27/20	2 pcs	0 pcs	2 pcs	\$107.50/pcs	\$215.00
							X2			JAN 28 2020				DP
Grand Total:														\$940.00



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PURCHASE ORDER

POHB045328



Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/27/20 11:09 AM dart.lussier.patrick

CANUS PLASTICS INC.

128 WALGREEN ROAD
OTTAWA, ON K01 1L0
PH: (613) 831-4640
info@canusplastics.com
www.canusplastics.com

**PACKING SLIP**

217754

2 of 2

BILL TO:

Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON
K6A 1K7
Ph. (613) 632-5200

SHIP TO:

Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON
K6A 1K7
Ph. (613) 632-5200

PO NUMBER	F.O.B	SALESPERSON	ORDER DATE	INVOICE NUMBER
POHB045328	128 Walgreen	Mark Perry	12/5/2019	215497
SHIP VIA	PAYMENT TERMS		DATE SHIPPED / PICKED UP	
Fedex - Dart Account	Net 30		01/22/2020	
ORDERED BY	PHONE		EMAIL	
PATRICK LUSSIER	613-632-5200		plussier@artaero.com	

PART NUMBER	DESCRIPTION	ORDER QTY	SHIPPED QTY
D3281-1L02P	FLOOR PROTECTOR, FWD LH BLACK PER DWG D3281 REV. F	4	4
D3281-3L02P	FLOOR PROTECTOR, AFT LH BLACK PER DWG D3281 REV. F	2	2
D3281-4L02P	FLOOR PROTECTOR, AFT RH BLACK PER DWG D3281 REV. F	2	2

RECEIVED

JAN 27 2020

DART AEROSPACE LTD.

Date: _____

Name of Receiver: _____

Signature: _____



128 WALGREEN ROAD, OTTAWA, ON K0A 1L0
PHONE-613-831-4640

CERTIFICATE OF COMPLIANCE

SOLD TO: DART AEROSPACE

DATE: January 24, 2020

YOUR PURCHASE ORDER: PO HB045328

OUR INVOICE NO: 215497

LINE ITEM # 3

QUANTITY: 2

DESCRIPTION: FLOOR PROTECTOR, AFT RH BLACK D3281-4L02P REV F.

DAS
68
9-89

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH:

DART QSI 018

PLASTECH PROCESS PR-01-01-D3281-4 REV 1.0 USING DWG D3281 REV F.

Note: USED 0.6875 SHEETS - 22 SF OF LEXAN F6006, BLACK NO. 701, 0.093" THICK (REF DART SPEC MLEXS .093-F6006-02.) BATCH# S152044

THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIREMENTS OF THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE PROCUREMENT SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND LATEST REVISIONS AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE

MARK PERRY, M.ENG.
PRESIDENT

Sheet 1 of 1

[illegible]

SAE AS9102 First Article Inspection Form

Form 2: Product Accountability – Raw Material, Specifications and Special Process(es), Functional Testing

Sheet 1 of 1

1. Part Number D3281-4L02P	2 Part Name FLOOR PROTECTOR AFT RH BLACK		2. Serial Number 2020-001		4. FAI Report Number FAIR-D3281-4L02P REV F
5. Material or Process Name	6. Specification Number	7. Code	8. Special Process Supplier Code	9. Customer Approval Verification (Yes/No/NA)	10. Certificate of Conformance number
LEXAN BLACK NO. 701, 0.093" THICK SHEET	REF. DART SPEC. MLEXS.093- F6006-02		N/A	N/A	N/A Supplied by Customer_ DART
11. Functional Test Procedure Number	12. Acceptance report number, if applicable				
13. Comments					
14. Prepared By Mark Perry Plas-Tech Fabrications			15. Date 1-24-2020		

SAE AS9102 First Article Inspection Form

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

Sheet 1 of 3

1. Part Number D3281-4L02P				2. Part Name FLOOR PROTECTOR, AFT RH BLACK			3. Serial Number 2020-001	4. FAI Report FAIR-D3281-4L02P REV F
Characteristic Accountability				Inspection / Test Results				
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-Conformance Number	14. Remarks.	
1	8A-SH3, Eng. Note 1		MATERIAL: -1L02 = LEXAN F6006, BLACK NO. 701, 0.093" THICK (MLEXS.093-F6006-02)	CHECKED AS OK			Material supplied by customer _ Dart Material Batch# S152044	
2	8A-SH3, Eng. Note 2		FINISH: NONE	NOTED				
3	8A-SH3, Eng. Note 3		TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED	NOTED				
4	8A-SH3, Eng. Note 4		UNITS: INCHES UNLESS OTHERWISE NOTED	NOTED				
5	8A-SH3, Eng. Note 5		BREAK SHARP EDGES: 0.010 MAX	SCRAPED BOTH EDGES TO 0.010 MAX.				
6	8A-SH3, Eng. Note 6		IDENTIFICATION: IDENTIFY WITH DART P/N "D3281-4Lxx" AND B/N PER DART QSI 044 6.4 ALONG PERIMETER OF PART AS SHOWN.	NOTED			Final Identification to be completed by Dart per Eng. Note 6.	
7	8A-SH3, Eng. Note 7		WEIGHT: D3281-1L03 = 0.87 Lbs.	1 LB			PLASTECH WEIGH SCALE IS +/- 1 LB ACCURACY.	

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

Sheet 2 of 3

1. Part Number D3281-4L02P				2. Part Name FLOOR PROTECTOR AFT RH BLACK		3. Serial Number 2020-001	4. FAI Report FAIR-D3281-4L02P REV F
Characteristic Accountability				Inspection / Test Results			
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-Conformance Number	14. Remarks.
8	8A-SH3, Eng. Note 8		THERMOFORM WITH MOULD D3281-4T1 PER DART QSI 022; TRIM AS SHOWN. MINIMUM THICKNESS AFTER FORMING: 0.070" EXCEPT WHERE INDICATED	NOTED	MOULD D3281-4T1		
9	6B-SH3		17.0	17.0			
10	4B-SH3		10.24 (REF)	10.14			
11	4C-SH3		1.76 (REF)	1.75			
12	4C-SH3		0.89 (REF)	0.75			
13	6C-SH3		MIN THICKNESS OF 0.050 ACCEPTABLE IN HATCHED AREA	0.076			
14	6C-SH3		17.7	17.65			
15	7B-SH3		14.3	14.25			
16	6D-SH3		14.73 TO BEND (REF)	14.75			

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

Sheet 3 of 3

1. Part Number D3281-4L02P				2. Part Name FLOOR PROTECTOR, AFT RH BLACK		3. Serial Number 2020-001	4. FAI Report FAIR-D3281-4L02P REV F
Characteristic Accountability				Inspection / Test Results			
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-Conformance Number	14. Remarks.
17	7D-SH3		0.95	0.92			
18	7D-SH3		0.50 (REF)	0.50			
The signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.							
12. Prepared By Mark Perry, Plas-Tech Fabrications 						13. Date 1-24-2020	